



Water Well Solutions

Water Well Solutions is proud to offer innovative water well rehabilitation with our AIRBURST® Technology. Airburst is a proven comprehensive rehabilitation and development process for all types of water wells.

Water Well Solutions Project Managers have always been leaders in the industry, not only for offering technical assistance in the development of Airburst technology, but also for hundreds of successful applications throughout the Midwest.

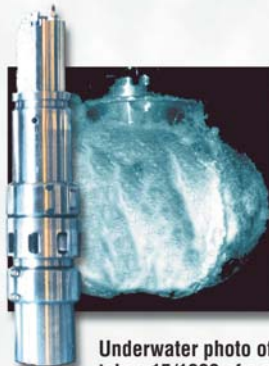
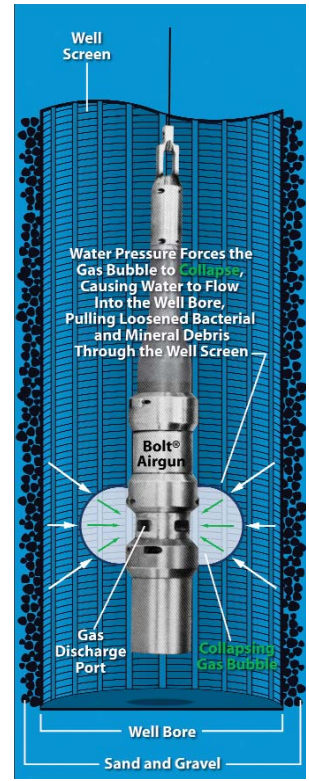
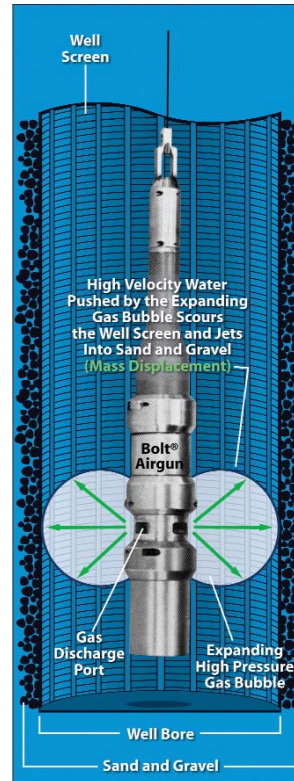
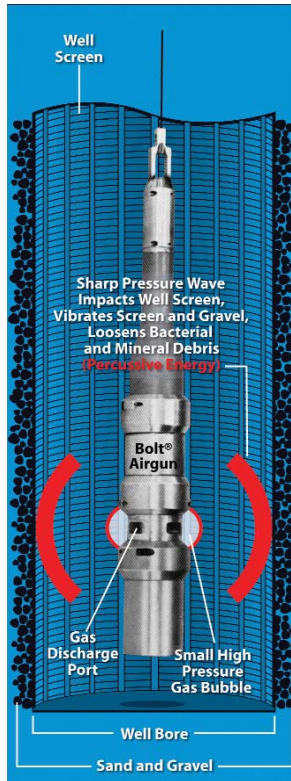
Water Well Solutions now offers Airburst exclusively in 10 counties around the Chicagoland area, semi-exclusively in Northern Illinois and as a licensed provider in the remainder of Illinois as well as Iowa, Wisconsin and Indiana.

BI-PRODUCT – RESIDUALS – EXPLOSIVES FREE

AIRBURST®

Technology

The Powerful Rehabilitation and Development Process for all water well types



NO CHEMICALS
NO EXPLOSIVES
ENVIRONMENTALLY
FRIENDLY

Underwater photo of Bolt Air Gun taken 15/1000 of a second after firing

Compressed air or **inert gas** are the sources of AIRBURST® energy, providing an effective and responsible **green** alternative to other methods.



Water Well Solutions

Water Well Solutions is a water well drilling and water well pump servicing firm that specializes in unique approaches and comprehensive solutions to water rehabilitation. We have not only brought together the most talented and diverse team of project managers in the industry, but we have sought out superior technology for water well rehabilitation. With AirBurst, WWS was instrumental in developing the innovative technology and has successfully treated of hundreds of wells that have improved the majority of well production far beyond the capacity of the well when newly constructed.

AirBurst technology is a one of a kind patented process that stimulates selected zones in within the formation with high pressure air or inert gas that generates high-energy pressure pulses in the well. This energy generates acoustic waves that breaks up and removes mineral scales, silts, sedimentation and bio-films from the bore hole wall or well screen. With the energy being released at 15/1000 of a second after firing, it generates an air bubble that expands and collapses inside the well. This provides a intense surging action that generates a mechanical cleaning of the well as the bubble expands and collapses. As the bubble collapse, it creates a negative pressure zone in the well that pulls in mineral and biological debris dislodged during the process for easy removal with a bailer.

Water Well Solutions recommends that with preventative maintenance of your pumping equipment, preventative maintenance of the water well is equally, if not more so important to save in the expensive of drilling new well. Case histories on wells AirBurst has been utilized on, have saved our clients millions in eliminating the new for costly new wells and reduced operating expenses of higher efficiency wells after utilizing the technology. AirBurst is an environmentally friendly technology that can be utilized in conjunction with NSF approved chemistry that is specifically targeted to treat what ails your wells. The mechanical surging action pushes chemistry further out into the bore-hole and adjacent formation for a more thorough cleaning.

Simply stated, preventative maintenance of water wells utilizing AirBurst Technology substantially increases the lifespan of the water well while increasing the well performance and output. There is no better time to look at AirBurst Technology for your water well rehabilitation when the pumping equipment is out for servicing, when you notice a decline in the specific capacity of the well or for preventative maintenance to ensure your water wells are operating at peak performance.

Illinois Office:
8415 Pine Bluff Rd, Coal City, IL 60416
888-769-9009 • Fax 920-474-4771
Wisconsin Office:
N87 W36051 Mapleton St., Oconomowoc, WI 53066
888-769-9009 • Fax 920-474-4771
www.WWSSG.com



AIRBURST®



	Sandstone Well	Screened Well	Limestone Well
BEFORE	 Specific Capacity 0.8	 Specific Capacity 92.2	 Specific Capacity 1.2
AFTER	 Specific Capacity 2.7	 Specific Capacity 130	 Specific Capacity 44.93

A routinely scheduled preventive maintenance program with a television survey can help maintain a highly efficient pumping system that will save you time and money. Contact Water Well Solutions today so we can provide you with the maintenance plan that's right for you.